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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/729,048	12/05/2003	Scott Caldwell	4348-000139	9302
27572	7590 09/06/2005		EXAM	INER
HARNESS, I	DICKEY & PIERCE, P.L	HEINRICH, SAMUEL M		
P.O. BOX 828 BLOOMFIELD HILLS, MI 48303			ART UNIT	PAPER NUMBER
	,		1725	
			DATE MAILED: 09/06/2005	5

Please find below and/or attached an Office communication concerning this application or proceeding.

5	Application No.	Applicant(s)
•		
Office Action Summary	10/729,048	CALDWELL ET AL.
Office Action Gammary	Examiner	Art Unit
The MAILING DATE of this communication	Samuel M. Heinrich	1725
Period for Reply	appears on the cover sheet w	nui uie correspondence address -
A SHORTENED STATUTORY PERIOD FOR REWHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CF after SIX (6) MONTHS from the mailing date of this communication - If NO period for reply is specified above, the maximum statutory pe - Failure to reply within the set or extended period for reply will, by s Any reply received by the Office later than three months after the nearmed patent term adjustment. See 37 CFR 1.704(b).	G DATE OF THIS COMMUNI R 1.136(a). In no event, however, may a n. eriod will apply and will expire SIX (6) MO tatute, cause the application to become A	ICATION. reply be timely filed NTHS from the mailing date of this communication. BANDONED (35 U.S.C. § 133).
Status		
1) Responsive to communication(s) filed on _	·	
2a)☐ This action is FINAL . 2b)☒	This action is non-final.	·
3) Since this application is in condition for all	•	•
closed in accordance with the practice und	er <i>Ex par</i> te Quayle, 1935 C.[D. 11, 453 O.G. 213.
Disposition of Claims	•	
4) Claim(s) 1-9 is/are pending in the application	on.	
4a) Of the above claim(s) is/are with		
5) Claim(s) is/are allowed.		
6)⊠ Claim(s) <u>1-9</u> is/are rejected.		
7) Claim(s) is/are objected to.		
8) Claim(s) are subject to restriction ar	nd/or election requirement.	
Application Papers		
9) The specification is objected to by the Exan	niner	
10)⊠ The drawing(s) filed on <u>05 December 2003</u>		objected to by the Examiner
Applicant may not request that any objection to		
Replacement drawing sheet(s) including the co		
11) The oath or declaration is objected to by the	•	• • •
•		
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for fore	eign priority under 35 U.S.C.	§ 119(a)-(d) or (f).
a) All b) Some * c) None of:		
1. Certified copies of the priority docum		
2. Certified copies of the priority docum		
3. Copies of the certified copies of the		received in this National Stage
application from the International Bu		
* See the attached detailed Office action for a	list of the certified copies not	received.
Attachment(s)		
1) Notice of References Cited (PTO-892)	4) Interview	Summary (PTO-413)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB 		s)/Mail Date Informal Patent Application (PTO-152)
Paper No(s)/Mail Date <u>03/15/2004</u> .	6) Other:	· · · · · · · · · · · · · · · · · · ·
S. Patent and Trademark Office PTOL-326 (Rev. 7-05) Office	e Action Summary	Part of Paper No./Mail Date 09012005

Application/Control Number: 10/729,048

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DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's Admitted Prior Art (AAPA) in view of USPN 6,528,755 to Grewell et al and in view of USPN 5,408,572 to Kriege. AAPA discloses well known laser welding (Disclosure Figures 1 and 2, Disclosure Specification Background of the Invention), but does not describe instant claimed output light converging features. Grewell et al disclose known light guide means for controlling output light for laser welding. Kriege disclose (Figures 2 and 3) well known cone shaped light emitting units. The use of the well known cone shaped light emitting unit combined with the AAPA light guide would

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have been obvious at the time applicant's invention was made to a person having ordinary skill in the art because laser beam control is well known as described by Grewell et al and because the tapered unit output control is very well known in the art.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The cited art pertains to light transmission control.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samuel M. Heinrich whose telephone number is 571-272-1175. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas G. Dunn can be reached on 571-272-1171. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Samuel M Heinrich Primary Examiner Art Unit 1725